

Volume contents

LAL, R.: Agroforestry systems and soil surface management of a tropical alfisol	1
LAL, R.: Agroforestry systems and soil surface management of a tropical alfisol: <i>I: Soil moisture and crop yields</i>	7
AHMED, P.: Eucalyptus in agroforestry: its effects on agricultural production and economics	31
BUDELMAN, A.: Nutrient composition of the leaf biomass of three selected woody leguminous species	39
BUDELMAN, A.: The performance of selected leaf mulches in temperature reduction and moisture conservation in the upper soil stratum	53
GHOSH, S.P., MOHAN KUMAR, B., KABEERATHUMMA, S. and NAIR, G.M.: Productivity, soil fertility and soil erosion under cassava based agroforestry systems	67
YAN CHUANQI, YANG WEIZHANG, LI CHUNTE, HAN XIAOZONG, MA FENGLIN and HE WANYUN: Developing an improved agricultural economy based on ecological relationships in a soil erosion area in the north of China	83
Announcements	91
Letter to the editor	95
LAL, R.: Agroforestry systems and soil surface management of a tropical alfisol: <i>II: Water runoff, soil erosion, and nutrient loss</i>	97
LAL, R.: Agroforestry systems and soil surface management of a tropical alfisol: <i>III: Changes in soil chemical properties</i>	113
ALVAREZ-BUYLLA ROCES, M.E., LAZOS CHAVERO, E. and GARCÍA-BARRIOS, J.R.: Homegardens of a humid tropical region in Southeast Mexico: an example of an agroforestry cropping system in a recently established community	133
COBBINA, J., KANG, B.T. and ATTA-KRAH, A.N.: Effect of soil fertility on early growth of <i>Leucaena</i> and <i>Gliricidia</i> in alley farms	157
MITTAL, S.P. and SINGH, P.: Intercropping field crops between rows of <i>Leucaena leucocephala</i> under rainfed conditions in northern India	165
STAVAR, C.: Shortened bush fallow rotations with relay-cropped <i>Inga edulis</i> and <i>Desmodium ovalifolium</i> in wet central Amazonian Peru	173
LAL, R.: Agroforestry systems and soil surface management of a tropical alfisol: <i>IV: Effects on soil physical and mechanical properties</i>	197
LAL, R.: Agroforestry systems and soil surface management of tropical alfisol: <i>V: Water infiltrability, transmissivity and soil water sorptivity</i>	217
LAL, R.: Potential of agroforestry as a sustainable alternative to shifting cultivation: concluding remarks	239

BUDELMAN, A.: Effect of the application of the leaf mulch of <i>Gliricidia sepium</i> on early development, leaf nutrient contents and tuber yields of water yam (<i>Dioscorea alata</i>)	243
GILLESPIE, A.R.: Modelling nutrient flux and interspecies root competition in agroforestry interplantings	257
IMBACH, A.C., FASSBENDER, H.W., BOREL, R., BEER, J. and BONNEMANN, A.: Modelling agroforestry systems of cacao (<i>Theobroma cacao</i>) with laurel (<i>Cordia alliodora</i>) and cacao with poro (<i>Erythrina poeppigiana</i>) in Costa Rica. IV. Water balances, nutrient inputs and leaching	267
Volume contents	289

Author index

Ahmed, P., 31	Ghosh, S.P., 67	Li Chunte, 83
Alvarez-Buylla Rocas, M.E., 133	Gillespie, A.H.R., 257	Ma Fenglin, 83
Atta-Krah, A.N., 157	Han Xiaozong, 83	Mittal, S.P., 165
Beer, J., 267	He Wanyun, 83	Mohan Kumar, M., 67
Bobrel R., 267	Imbach, A.C., 267	Nair, G.M., 67
Bonnemann, A., 267	Kabeerathumma, S. 67	Singh, P., 165
Budelman, A., 39, 53, 243	Kang, B.T., 157	Staver, C., 173
Cobbina, J., 157	Lal, R., 1, 7, 97, 113, 197, 217, 239	Yan Chuanqi, 83
Fassbender, H.W., 267	Lazos Chavero, E., 133	Yang Weizhang, 83
García-Barrios, J.R., 133		

